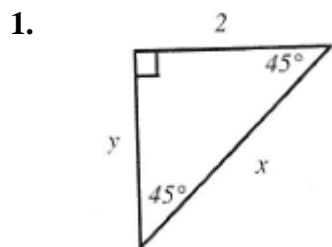


Name _____ Period _____

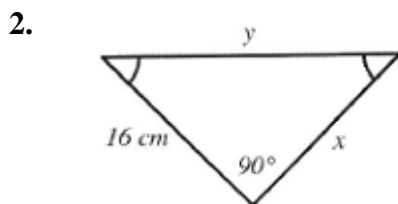
Geometry Unit 7 Worksheet #2 – 45-45-90 Triangles

For #1 - 8, given one leg of the 45-45-90 triangle, find the other leg and the hypotenuse.



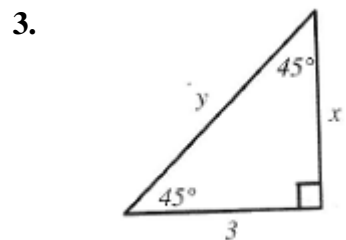
x = _____

y = _____



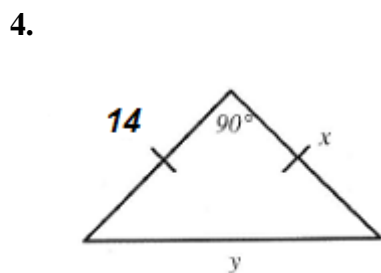
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y = _____



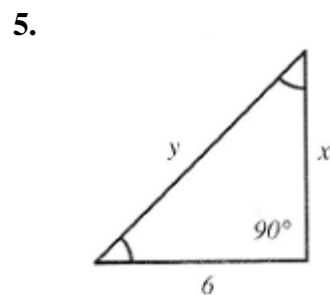
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y = _____



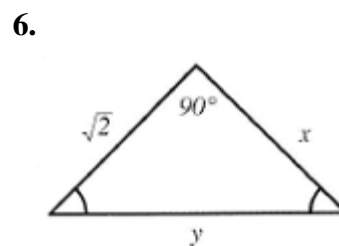
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y = _____



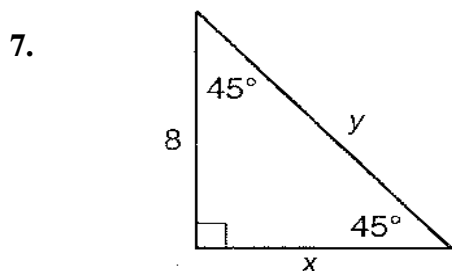
x = _____

y = _____



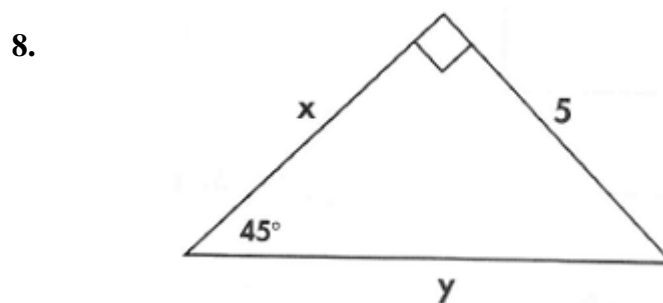
x = _____

y = _____



x = _____

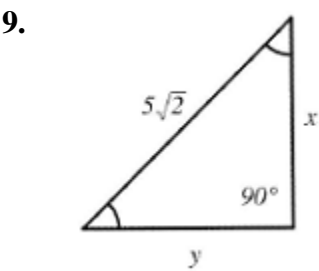
y = _____



x = _____

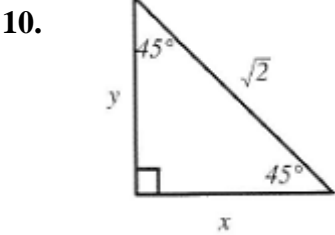
y = _____

For #9 - 13, given the hypotenuse of the 45-45-90 triangle, find the legs.



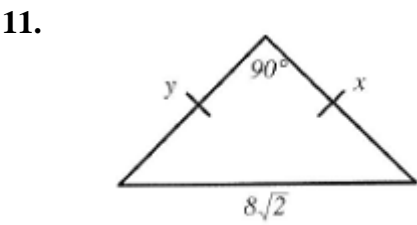
x = _____

y = _____



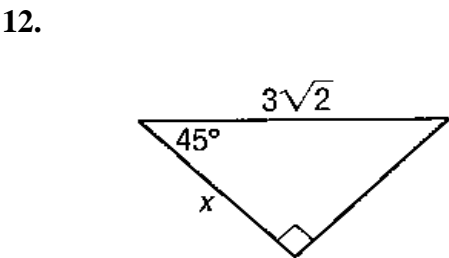
x = _____

y = _____



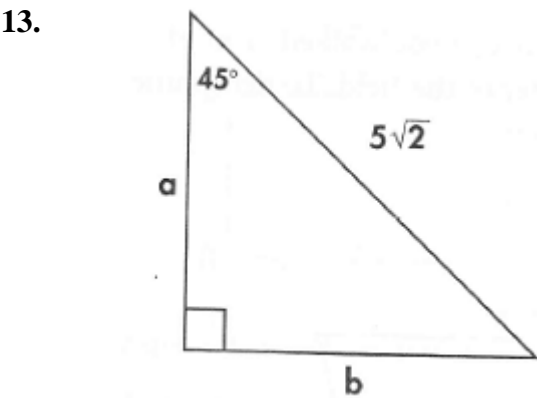
x = _____

y = _____



x = _____

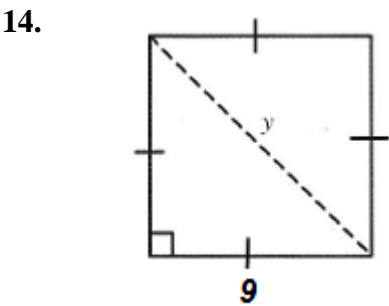
y = _____



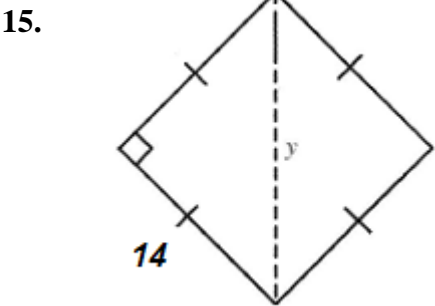
a = _____

b = _____

For #14 & 15, find the length of the diagonal of the square.



y = _____



y = _____